

<p style="text-align: center;">INFORMATION DISCLOSURE CITATION</p> <p style="text-align: center;">PTO-1449</p>				ATTORNEY'S DKT NO. 012712-502	APPLICATION NO. 09/019,441	
				APPLICANT Mitchell E. REFF et al	RECEIVED JUL 31 1998 GROUP 1800	
				FILING DATE February 5, 1998		
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	
MD	5,648,260	7/15/97	Winter et al	—	—	
MD	5,635,600	6/3/97	Fanger et al	—	—	
MD	5,585,089	12/17/96	Queen et al	—	—	
MD	5,543,144	8/6/96	Chang	—	—	
MD	5,348,876	9/20/94	Michaelsen et al	—	—	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
MD	WO 88/06891	9/22/88	PCT	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
MD	Sarfaty et al, "Native and recombinant soluble CD23 fragments with IgE suppressive activity", Immunol., 76:662-667, 1992					
MD	Pène et al, "Interleukin 5 enhances interleukin 4-induced IgE production of normal human B cells...", Eur. J. Immunol., 18:929-935, 1988					
MD	Sarfaty et al, "In vitro synthesis of IgE by human lymphocytes", Immunol., 53:197-205 1984					
MD	Saxon et al, "Inhibition of human IgE production via Fc _ε R-II stimulation results from a decrease in the mRNA for secreted ...chains", J. Immunol., 147(11):4000-4006, 1991					
MD	Sherr et al, "Binding the low affinity Fc _ε R on B cells suppresses ongoing human IgE Synthesis", J. Immunol., 142(2):481,489, 1989					
MD	Bonnefoy et al, "A new role for CD23 in inflammation", Immunol. Today, 17(9):418-420, 1996					
MD	Bonnefoy et al, "Inhibition of human interleukin 4-induced IgE synthesis by a subset of anti-CD23/Fc _ε RII monoclonal antibodies", Eur. J. Immunol., 20:139-144, 1990					
MD	Angal et al, "A single amino acid substitution abolishes the heterogeneity of chimeric mouse/human (IgG4) Antibody", Mol. Immunol. 30(1):105-108, 1993					
MD	Urlaub et al, "Effect of gamma rays at the dihydrofolate reductase locus: deletions and inversions" Somatic Cell and Mol. Genetics, 12(6):555-566, 1986					
MD	D'Ambrosio et al, "Recruitment and Activation of PTP1C in Negative Regulation of Antigen Receptor Signaling by FcγRIIB1", Science, 268:293-297, 1995					
MD	Man Sung Co et al, "Humanized anti-lewis Y antibodies: in vitro properties and pharmacokinetics in Rhesus monkeys", Can. Res., 56:1118-1125, 1996					
MD	Ono et al, "Deletion of SHIP or SHP-1 reveals two distinct pathways for inhibitory signaling", Cell, 90:293-301, 1997					
EXAMINER	<i>Marianne Dill</i>			DATE CONSIDERED	<i>9/16/99</i>	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

 INFORMATION DISCLOSURE CITATION PTO-1449		ATTORNEY'S DKT NO. 012712-502	APPLICATION NO. 09/019,441 <i>RECEIVED JUL 31 1998 GROUP 1642</i>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>MD</i>	Parren et al, "Characterization of IgG FcR-Mediated proliferation of human T cells induced by mouse and human anti-CD3 ^{monoclonal} antibodies", J. Immunol., 148(3):695-701, 1992		
<i>MD</i>	Steplewski et al, "Biological activity of human-mouse IgG1, IgG2, IgG3 and IgG4 chimeric monoclonal antibodies ^{with antisera specificity} ", Proc. Natl. Acad. Sci., 85(13):4852-4856, 1988		
<i>MD</i>	Lund et al, "Human FcyRI and FcyRII interact with distinct but overlapping sites on human IgG", J. Immunol., 147(8):2657-2662, 1991		
<i>MD</i>	Man Sung Co et al, "Chimeric and humanized antibodies with specificity for the CD33 antigen", J. Immunol., 148(3):1149-1154, 1992		
<i>MD</i>	Parren et al, "Characterization of IgG FcR-mediated proliferation of human T cells induced by mouse and human anti-CD3 ^{monoclonal} antibodies", J. Immunol., 148(3):695-701, 1992		
<i>MD</i>	Wakai et al, "Anti-CD23 monoclonal antibodies: comparisons of epitope specificities and modulating capacities for...production", Hybridoma, 12(1):25-43, 1993		
<i>MD</i>	Shakib et al, "A study of the interrelationship between circulating IgG subclass anti-IgE autoantibodies, IgE and...asthma", Allergol. et Immunopathol., 21(1):20-24, 1993		
<i>MD</i>	Spiegelberg, "Fc Receptors for IgE and Interleukin-4 induced IgE and IgG4 Secretion", J. Invest. Dermatol., 94(6):49S-52S, 1990		
<i>MD</i>	Maliszewski, "Induction of B cell activities by interleukin 4 is inhibited by a receptor-specific monoclonal antibody in vitro", Eur. J. Immunol., 20:1735-1740, 1990		
<i>MD</i>	Yanagihara et al, "Suppression of IgE production by IPD-1151T (Suplatast Tosilate), a new dimethylsulfonium agent: (1) regulation...response", Japan J. Pharmacol., 61:23-30 (1993)		
<i>MD</i>	Hjulström, "No role of interleukin-4 in CD23/IgE-mediated enhancement of the murine antibody response in vivo", Eur. J. Immunol., 25:1469-1472, 1995		
<i>MD</i>	Escura et al, "Regulation and targeting of T-cell immune responses by IgE and IgG antibodies", Immunol., 86:343-350, (1995)		
<i>MD</i>	Bonnefoy et al, "Production and characterization of a monoclonal antibody specific for the human lymphocyte low affinity receptor IgE", J. Immunol., 138:2970-2978, 1987		
<i>MD</i>	Gustavsson et al, "CD23/IgE-mediated regulation of the specific antibody response in vivo", J. Immunol., 152(10):4793-4800, 1994		
<i>MD</i>	Yanigihara et al, "Establishment of sensitive radioimmunoassay for the detection of human IgE-binding factor (soluble CD23)", Int. Arch. of Allergy Immunol., 98:189-199, 1992		
<i>MD</i>	Flores-Romo et al, "Inhibition of an in vivo antigen-specific IgE response to antibodies to CD23", Science, 261:1038-1041, 1993		
<i>MD</i>	Luo et al, "Cross-linking of CD23 antigen by its natural ligand (IgE) or by anti-CD23 antibody prevents B lymphocyte proliferation and differentiation", 146(7):2122-2129, 1991		
<i>MD</i>	Pène et al, "IgE production by normal human lymphocytes is induced by interleukin 4 and suppressed by interferons γ and α ... E_2 ", Proc. Natl. Acad. Sci., 85:6880-6884, 1988		
<i>MD</i>	Sarfati et al, "Possible role of human lymphocyte receptor for IgE (CD23) or its soluble fragments in the in vitro synthesis of human IgE ¹ ", J. Immunol., 141(7):2195-2199, 1988		
<i>MD</i>	Henchoz-Lecoanet et al, "The Epstein-Barr virus-binding site on CD21 is involved in CD23 binding and interleukin-4-induced IgE and IgG4...B cells", J. Immunol., 88:35-39, 1996		
<i>MD</i>	Bonnefoy et al, "Receptors for IgE", Cur. Opinion in Immunol., 5:944-949, 1993		
EXAMINER <i>Omariana Oth</i>	DATE CONSIDERED <i>9/16/99</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">INFORMATION DISCLOSURE CITATION</p> <p style="text-align: center;">PTO-1449</p> <p style="text-align: right;">JUL 06 1998 3CS530</p>				ATTORNEY'S DKT NO. 012712-502		APPLICATION NO. 09/019,441
				APPLICANT Mitchell E. Reff et al.		
				FILING DATE February 5, 1998		GROUP 1642
				U.S. PATENT DOCUMENTS		
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
MJD	4,940,782	07/10/90	Rup et al.	—	—	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes No
	WO 89/00138	01/12/89	International	—	—	
	WO 96/12741	05/02/96	International	—	—	
MJD	WO 87/07302	12/03/87	International WO	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
Rector et al., Immunol., 55: 481-488 (1985)						
Seumura et al., J. Immunol., 137: 1214-1220 (1986)						
Noro et al., J. Immunol., 137: 1258-1263 (1986) JUL 06 1998						
MJD Bonnefoy et al., J. Immunol., 138: 2970-2978 (1987)						
MJD Flores-Romo et al., Science, 261: 1038-1046 (1993)						
MJD Sherr et al., J. Immunol., 142: 481-489 (1989)						
MJD Pene et al., Proc. Natl. Acad. Sci., USA, 85: 6880-6884 (1988)						
MJD Bonnefoy et al., Eur. J. Immunol. 20: 139-144 (1990)						
MJD Sarfati et al., J. Immunol. 141: 2195-2199 (1988)						
MJD Wakai et al., Hybridoma 12: 25-43 (1993)						
MJD Yu et al., Nature 369: 753-756 (1994)						
EXAMINER	DATE CONSIDERED 9/16/99					

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">U.S. PATENT DOCUMENTS</p>				ATTORNEY'S DKT NO. 012712-353 APPLICATION NO. 08/803,085																									
EXAMINER'S INITIALS JUL 06 1998 PTO-1449				APPLICANT Mitchell E. Reff et al.																									
FILING DATE February 20, 1997				GROUP ART UNIT 1642																									
FOREIGN PATENT DOCUMENTS																													
<table border="1"> <thead> <tr> <th rowspan="2">EXAMINER'S INITIALS</th> <th rowspan="2">PATENT NO.</th> <th rowspan="2">DATE</th> <th rowspan="2">COUNTRY</th> <th rowspan="2">CLASS</th> <th rowspan="2">SUBCLASS</th> <th>Translation</th> </tr> <tr> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>							EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	Yes	No														
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation																							
						Yes	No																						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																													
<p><i>MJ</i> Saxon et al., J. Immunol., 147: 4000-4006 (1991)</p>																													
<p><i>MJ</i> D'Ambrosio et al., Science, 268: 293-297 (1995) <i>REVIEWED</i></p>																													
<p><i>MJ</i> Leconant et al., Immunol., 88: 35-39 (1996) <i>JUL 08 1998</i></p>																													
<p>Bonnefond et al., Int. Amer. Allergy Immunol., 107: 40-42 (1995) <i>REVIEWED</i></p>																													
<p><i>MJ</i> Aubry et al., Nature, 358: 505-507 (1992)</p>																													
<p>Aubry et al., Immunol., 5: 944-949 (1993)</p>																													
<p>Bonnefond et al., Curr. Opin. Eur. J. Immunol., 24: 2982-2988 (1994)</p>																													
<p><i>MJ</i> Nambu et al., Immunol. Lett., 44: 163-167 (1995)</p>																													
<p><i>MJ</i> Sarfati et al., Immunol., 53: 197-205 (1984)</p>																													
<p><i>MJ</i> Pene et al., J. Cell Biochem., 39: 253-269 (1989)</p>																													
<p>Pene et al., J. Immunol., 18: 929-935 (1988)</p>																													
EXAMINER	<i>Marina Diaz</i>			DATE CONSIDERED <i>9/16/99</i>																									

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p style="text-align: center;">U.S. INFORMATION DISCLOSURE CITATION</p> <p>JUL 06 1998 SJC55 H</p> <p>PTO-1449</p>			ATTORNEY'S DKT NO. 012712-353		APPLICATION NO. 08/803,085	
			APPLICANT Mitchell E. Reff et al.			
			FILING DATE February 20, 1997		GROUP ART UNIT 1642	
U.S. PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						Yes
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
Saxon et al., J. Clin. Immunol. Allergy, 86 (3 pt 1) 333-344 (1990)						
<i>MJ</i> Sarfati et al., Immunol., 76: 662-667 (1992)						
<i>MJD</i> Angal et al., Mol. Immunol., 30: 105-108 (1993)						
Hassner and Saxon, J. Immunol., 132: 2844 (1984)						
Garrett et al., J. Immunol. Methods 89: 61 (1986)						
Boerner et al., J. Immunol., 147: 86 (1991)						
RECEIVED JUL 08 1998						
SEARCHED INDEXED SERIALIZED FILED						
EXAMINER	<i>Marianne A/B</i>			DATE CONSIDERED <i>7/16/98</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.